



28615  
216

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:  
First Named Inventor:  
Filing Date:  
Examiner:  
Art Unit:  
Atty. Docket No.:  
Title:

09/910417  
Duke  
7/19/2001  
Michael P. Nghiem  
2861  
56261-00001F6  
Printer Cartridge Compatible With Printhead

#5  
EOTC  
Amelia  
D. Smalls  
10-8-02

RECEIVED  
OCT - 7 2002  
TECHNOLOGY CENTER 2860

RESPONSE TO OFFICE ACTION

Box Responses  
Commissioner for Patents  
Washington DC 20231

CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this document and any documents indicated as being enclosed therein are being deposited with the United States Postal Service as first class mail postage paid in an envelope addressed to: Commissioner for Patents, Washington, DC 20231.

on: 9-24-02

By:

Name:

Peter F Weinberg

A two month extension of time is requested. Please charge the fee (and any other fee which may be necessary) to Deposit Account No. 50-0792.

Please replace the paragraph beginning on page 3, line 22, with the following:

Sub A' C'  
FIG. 8 shows a section view of the black ink cartridge and tri-color cartridge after they have been fully inserted within the printhead 5. This view illustrates the engagement of the black ink cartridge and tri-color cartridge with the printhead 5. As can be seen, the lid 2 has a primary surface that does not contact the camming shoe (denoted 5a) of the printhead 5, so there is a clear space therebetween. As can be seen, the camming shoe comprises a series of vertically spaced tabs which extend downward from the interior surface of the top of the printhead, denoted 5a. Instead, the features 2a contact the interior surface 5b of the top of the printhead 5. As shown in the drawings, the features 2a are offset from the spaced tabs 5b and have a sufficient length to contact surface 5b. The black ink cartridge is sized so that engagement of the features 2a with the surface 5b causes a press fit of the cartridge within the printhead 5, therefore allowing proper printing to occur.

Please amend claim 4 to read as follows:

A2  
Claim 4. The combination comprising: an ink printer printhead having an interior surface and a camming shoe extending downward from the interior surface, the camming shoe having a pressing means which includes a series of vertically oriented spaced tabs having clear spaces therebetween; and an ink printer cartridge having a base and a lid attached to the base, the lid having at least one protrusion extending upward from the lid so that when the base is fully inserted within the printhead, the protrusion engages the printhead interior surface and no part of the base and lid engage the camming shoe.